

ABSTRACT OF THE DISCLOSURE

A fixing device for fixing an image formed on a recording medium includes a fixing member, a pressing member, a heat source that heats the fixing member, a storage device that supplies power to the heat source, a pressing member temperature estimating device, and a control device that changes the amount of power supplied from the storage device to the heat source based on the temperature of the pressing member. The temperature estimating device estimates the temperature based on at least one of an elapsed time since a start of image formation, a number of recording media on which images are formed since the start of image formation, a local ambient temperature in the vicinity of the fixing member, and a change of temperature of the fixing member.

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